



LOCATION MAP

DUNDALK COMMUNITY COLLEGE



Athletic Fields

RTKL Associates Inc.
ARCHITECTS - ENGINEERS

**VILLAGE OF CROSS KEYS
BALTIMORE MARYLAND 21210**

- CONSTRUCTION SEQUENCE**
1. Notify Baltimore County Department of Permits and Licenses, Sediment Control Inspector at least 48 hours before any work begins. Install and stabilize all sediment control measures including:
 - a. Stabilized construction entrance at access point from Merritt Boulevard.
 - b. Diversion berm at rear of parking lot B.
 - c. Construct outlet from sediment basin with temporary riser and appurtenances. Excavate ditch or lower entire sediment basin as necessary to outlet new drainage construction.
 2. Construct remainder of drainage system with particular emphasis on portion up to existing building drains from Physical Education Building.
 3. Perform grading operations as necessary and construct all paving, utilities, etc.
 4. Add topsoil and seed, etc., in all areas except storm water management pond.
 5. Upon establishment of lawn:

- a. Clean pipe system.
- b. Clean and reshape sediment basin converting it into a storm water management detention pond.
- c. Add topsoil, seed, etc. in pond area.
- d. Upon establishment of lawn, construct low flow gabion mattress ditch.

- SCOPE**
- Project includes the following:
1. Extension of 30 foot wide Ring Road with grass shoulders.
 2. Extension of parking lot B (84 spaces) and construction of parking lot C (154 spaces).
 3. Construction of concrete sidewalks as follows:
 - a. Adjacent to north side of parking lot B connecting to walk by others on south side of Physical Education Building.
 - b. Double walkway system on east side of parking lot B.
 - c. Adjacent to west and south side of parking lot C.
 - d. Connecting walkway on west side of Physical Education Building.
 - e. Walkway extension on south side of Physical Education Building to tennis courts.
 4. Tennis court complex including 7 tennis courts, one multi-purpose court, reinforced concrete practice wall, perimeter curb, perimeter gutter, 12 foot high perimeter and interior fencing, posts, sleeves and footings, and the 20 foot wide landscape area between courts.
 5. Baseball field construction including two dugouts with surrounding seating, infield and warning track preparation, backstop and perimeter fence, and foul line controls.
 6. Cleaning of existing sediment basin and conversion to storm water management detention pond.
 7. Service drive extension near Maintenance Building.
 8. Utility construction including storm drainage pipe, appurtenant structures and connection to existing pipes; extension of 8-inch water line under new sidewalk on southeast side of Physical Education Building; 1-inch water lines with shut off valves, backwater controls, roadway valve boxes, two drinking fountains and two yard hydrants in the baseball field area and one drinking fountain and one yard hydrant in the tennis court area.
 9. Lawn - to be created on imported topsoil by seeding, etc. in areas shown on plans in accord with the specifications. Also the pretreatment of approximately 16,000 square yards of area prior to placing topsoil. (see specifications).
 10. Electrical work including roadway, parking lot and walkway lighting, electric service and feeders for future lighting to baseball field and tennis courts.
 11. Miscellaneous grading as necessary to perform the above work.
 12. Miscellaneous curb construction at existing road edges at island adjacent to parking lot A and adjacent to Temporary Classroom Building.

Alternate A (Add alternate) Accepted
Substitute "plexicushion" tennis court paving section for the base bid ("grasstex") tennis court paving section. (See Detail 7P/25.02)

Alternate B (Add alternate) Accepted
Substitute color coated fence system (black) including all fabric, framework, hardware and wire ties on all fencing including tennis court, baseball field perimeter and backstop.

Alternate C (Add alternate) Accepted
Add plant and ground cover material to 20 foot wide landscape buffer in tennis court area as shown on detail 25.01. (Base bid shall include all topsoil and seed and mulch covering).

Alternate D (Add alternate) Not Accepted
Increase the lawn area, including furnishing and placing topsoil, seed, etc. to the east of parking lot C as shown on the plans. Include 11,500 square yards of pretreatment prior to placing topsoil.

ALTERNATE E (Deduct Alternate) Not Accepted
DELETE THE THREE BASKETBALL STANDARDS AND DELETE PAVING AND FENCE SYSTEM FOR TENNIS COURT NUMBER 6. ESTABLISH LAWN IN FIELD PAVING AREAS. NO CHANGE IN LAYOUT OF CURB, GUTTER.

GENERAL NOTES:

1. The Contractor will be performing work immediately adjacent to and within the limits of work for the construction of the Physical Education Building and its related site work. The effects the Contractor as follows:
 - a. The Contractor is required to join to sidewalks and utility construction performed under the Physical Education Building contract. If there are any discrepancies between physical and plan location of any items, the Contractor shall immediately report such items to the Architect before performing any work.
 - b. The Contractor must permit continual access to the Physical Education Building Contractor and his agents from the staging area south of the building to the building.
2. The site has generally been pregraded by others to the elevations shown as existing (dashed contours on sheet 21.01). The existing elevations are shown based on a design drawing rather than a topographic survey. The Contractor must expect variations up to 12 inches vertically in level areas and a variation in location of bottoms and tops of banks up to 10 feet horizontally with corresponding vertical variation. In any event, finished grades shall be those shown on the plans as final grades.
3. Should the Contractor discover variations in existing elevations greater than those described in (2), he shall immediately notify the Architect. Should the Contractor work in such areas without first notifying the Architect in advance, the Contractor shall forfeit any claim for "extra work" for the additional grading required in such areas.
4. The Contractor's sole source of site access shall be from the construction access road off Merritt Boulevard near Meadow Lane.
5. Contractor's daily parking may be in the rear bay of the existing parking lots. The Contractor may occupy no other portion of college parking lots and access roads.
6. Additional earth needed for backfill or construction fill will be made available to the Contractor or excess earth can be disposed of by the Contractor within 300 feet of the eastern limit of contract. The Contractor is advised that debris and supersaturated silt may not be included in this disposal area.
7. The Contractor shall keep all existing walks open to pedestrian traffic at all times.
8. All utilities are to be built according to Baltimore County specification by a prequalified utility contractor. The Contractor shall excavate and verify exact location and depth of any mains, prior to laying any pipe.
9. All existing and proposed elevations are based on elevation 85.25 at the PK nail benchmark in the curb in the northeast corner of parking lot B.
10. "The initial construction operation, after installation of sediment control structures, shall be the construction of the storm drainage system at least far enough to connect to the existing drains at the Physical Education Building. This requires, as a minimum, a lower channel in the sediment basin and construction of the outlet pipe with riser, track rack and miscellaneous appurtenances."

SEDIMENT CONTROL NOTES

1. Refer to USDA Soil Conservation Service Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas for standard details and detailed specifications of each practice specified herein.
2. During the layout of sediment control practices required on this plan, minor field adjustments can and will be made to insure the arrest and control of any sediment before it leaves the construction site. Changes in sediment control practices require prior approval of the Sediment Control Inspector and the Baltimore County Soil Conservation District.
3. At the end of each working day, all sediment control practices will be inspected and left in operational condition.
4. All structural sediment control measures are to remain in place until permission for their removal has been obtained from Baltimore County Soil Conservation Service.
5. The Contractor shall notify the sediment control representative at least 24 hours prior to start of any work.
6. Structural measures including berms and traps shall be installed and stabilized according to this plan prior to any other grading.
7. Abutting roadways shall be kept clean of all soil droppings at all times.
8. New storm drainage system will be used to convey sediment to the basin during the construction period. The new storm drainage system must be thoroughly cleaned after stabilization.
9. AREA DISTURBED BY CONSTRUCTION = 390,000 sq ft

Storm Water Management 3/24/77
APPROVED: *Edward M. [Signature]*
DEVELOPERS DESIGN & APPROVAL SECTION
BUREAU OF ENGINEERING
R.E.C.

Sediment Control 3/24/77
APPROVED: *Edward M. [Signature]*
DEVELOPERS DESIGN & APPROVAL SECTION
BUREAU OF ENGINEERING
R.E.C.

Baltimore County Soil Conservation District
APPROVED FOR STORM WATER MANAGEMENT
DISTRICT OFFICIAL: *Barbara J. [Signature]* 3/24/77 44641057
DATE: 3/24/77 PLAN NO.:
TECHNICAL REVIEW FOR DISTRICT
BY: *Robert H. [Signature]* 3/24/77
USDA SOIL CONSERVATION SERVICE DATE:

Baltimore County Soil Conservation District
APPROVED FOR SMALL POND
DISTRICT OFFICIAL: *Barbara J. [Signature]* 3/24/77 44641057
DATE: 3/24/77 PLAN NO.:
TECHNICAL REVIEW FOR DISTRICT
BY: *Robert H. [Signature]* 3-23-77
USDA SOIL CONSERVATION SERVICE DATE:

Baltimore County Soil Conservation District
APPROVED FOR SEDIMENT CONTROL
DISTRICT OFFICIAL: *Barbara J. [Signature]* 3/24/77 44641057
DATE: 3/24/77 PLAN NO.:
TECHNICAL REVIEW FOR DISTRICT
BY: *Robert H. [Signature]* 3/24/77
USDA SOIL CONSERVATION SERVICE DATE:

SHEET INDEX

- 00.00 COVER SHEET
- 20.01 GEOMETRIC PLAN
- * 21.01 GRADING PLAN
- * 21.02 GRADING PLAN
- 22.01 DETENTION POND
- 22.02 DETENTION POND DETAILS
- 23.01 SITE DETAILS
- 23.02 " "
- 23.03 " "
- 24.01 UTILITY PROFILES
- 24.02 DUGOUT DETAILS
- 24.90 ELECTRICAL PLAN
- 24.91 DETAILS (ELEC.)
- 25.01 LANDSCAPE STRIP
- * 21.01A FENCING PLAN

JOB NO.	750022	00.
SCALE	AS SHOWN	00.
DATE	1 FEB 77	00.
LAST REV.		

AS BUILT APR 12 1979

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